

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

Docket No. **0137-OS**  
Inventors: **JOSHI ET AL.**  
Express Mail Label No.: **ET-103990196-US**



Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

**UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)**

Sir:

Enclosed herewith for filing are:

1. The patent application of:

Inventor(s): **PRASHANT G. JOSHI**  
**ANTONIO CHAVES**  
**LESLEY HWANG**  
**MICHAEL STOUT**  
**MARTIN HOFSTETTER**  
**LOUIS M. PANZER**

Title: **"SILICA-RUBBER MIXTURES HAVING  
IMPROVED HARDNESS"**

Total pages - 101

2. Application
- a. ☒ New Application
- b. ☐ Continuation ☐ Divisional of U. S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.
3. ☒ sheets of drawings .
4. The new application being transmitted claims the benefit of prior **Provisional** applications, Serial No. **60/394,264**, filed **July 9, 2002** and Serial No. **60/451,449** filed **March 3, 2003**
5. ☐ Oath or Declaration (Total pages - 3 pages)
- a. ☐ Newly executed
- b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional application)
6. ☐ Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4 above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. ☐ An assignment of the invention to **CROMPTON CORPORATION** and cover sheet.
8. ☐ Power of Attorney
9. ☐ Information Disclosure Statement/PTO-1449
10. ☐ Preliminary Amendment

11. (X) Return Receipt Postcard
12. () Other:
13. The fee has been calculated as shown below:

	Claims Filed	Extra Claims	Rate	Fee
Basic Fee				\$750.00
Total Claims	45-20	-25-	X \$18	450.00
Independent Claims	2-3	-0-	X \$84	-0-
[ ] Multiple dependent claims presented			+ \$280	-0-
Total Fee				\$1,200.00

14. (X) Charge Deposit Account No. 23-2656 in the amount of \$1,200.00
15. (X) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No 23-2656 any additional filing fees required under 37 CFR 1.16 and any patent application processing fees under 37 CFR 1.17.
16. (X) The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-2656 or any patent application processing fees under 37 CFR 1.17 and any filing fees under 37 CFR 1.16 for presentation of extra claims.

Copies in duplicate are enclosed.

Respectfully submitted,

Date: July 8 2003

CROMPTON CORPORATION  
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Case No. 0137-OS

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